IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the present patent application. Where claims have been amended and/or canceled, such amendments and/or cancellations are done without prejudice and/or waiver and/or disclaimer to the claimed and/or disclosed subject matter, and the applicant and/or assignee reserves the right to claim this subject matter and/or other disclosed subject matter in a continuing application.

1-17. Cancelled

18. (Previously Presented) A method, comprising:

scanning a calibration chart a first time;

saving information for a first pixel from the first scan of the calibration chart in a memory;

scanning the calibration chart a second time;

summing information for a first pixel from the second scan of the calibration chart with the information for the first pixel from the first scan of the calibration chart; and

replacing the saved information for the first pixel from the first scan with the summed pixel information from the first and second scans.

19. (Previously Presented) The method of claim 18, further comprising dividing a value of the summed pixel information by a number of times that the calibration chart is scanned to produce an average value.

20. (Currently Amended) A method, comprising:

scanning a calibration chart a first time;

performing a first subtraction operation to subtract a base value from a value for a first pixel from the first scan of the calibration chart;

saving the result of the first subtraction operation in a calibration memory;

scanning the calibration chart a second time;

performing a second subtraction operation to subtract the base value from a value for the first pixel from the second scan of the calibration chart; ~~and~~

summing the results from the first and second subtraction operations;

and

saving the results of said summing in the calibration memory, thereby replacing the result of the first subtraction operation.

21. (Previously Presented) The method of claim 20, further comprising dividing a value of the summed results by a number of times that the calibration chart is scanned to produce an average value.

22. (Previously Presented) The method of claim 20, further comprising range-checking the results of the first and second subtraction operations.

23. (Previously Presented) An apparatus, comprising:

means for scanning a calibration chart a first time;

means for saving information for a first pixel from the first scan of the calibration chart in a memory;

means for scanning the calibration chart a second time;

means for summing information for the first pixel from the second scan of the calibration chart with the information for the first pixel from the first scan of the calibration chart; and

means for replacing the saved information for the first pixel from the first scan with the summed pixel information from the first and second scans.

24. (Previously Presented) The apparatus of claim 23, further comprising means for dividing a value of the summed pixel information by the number of times that the calibration chart is scanned to produce an average value.

25. (Currently Amended) An apparatus, comprising:

means for scanning a calibration chart a first time;

means for performing a first subtraction operation to subtract a base value from a value for a first pixel from the first scan of the calibration chart;

means for saving the result of the first subtraction operation in a calibration memory;

means for scanning the calibration chart a second time;

means for performing a second subtraction operation to subtract the base value from a value for a first pixel from the second scan of the calibration chart; ~~and~~

means for summing the results from the first and second subtraction operations; and

means for saving the results of said summing in the calibration memory, thereby replacing the result of the first subtraction operation.

26. (Previously Presented) The apparatus of claim 24, further comprising means for dividing a value of the summed results by the number of times that the calibration chart is scanned to produce an average value.

27. (Previously Presented) The apparatus of claim 25, further comprising means for range-checking the results of the first and second subtraction operations.

28. (Previously Presented) The method of claim 20, further comprising replacing the saved result of the first subtraction operation with the summed results from the first and second subtraction operations.

29. (Previously Presented) An apparatus, comprising:

a photo-sensor and an analog-digital conversion circuit capable of scanning a calibration chart a first time and a second time;

a memory capable of saving information for a first pixel from the first scan of the calibration chart; and

a calibration operation circuit capable of summing information for the first pixel from the second scan of the calibration chart with the information for the first pixel from the first scan of the calibration chart, the calibration operation circuit further capable of replacing the saved information for the first pixel from the first scan with the summed pixel information from the first and second scans.

30. (Previously Presented) The apparatus of claim 29, wherein the calibration operation circuit comprises a divider circuit capable of dividing a value of the summed

pixel information by the number of times that the calibration chart is scanned to produce an average value.

31. (Currently Amended) An apparatus, comprising:

a photo-sensor and an analog-digital conversion circuit capable of scanning a calibration chart a first time and a second time;

a calibration operation circuit capable of performing a first subtraction operation to subtract a base value from a value for a first pixel from the first scan of the calibration chart and further capable of performing a second subtraction operation to subtract the base value from a value for a first pixel from the second scan of the calibration chart and further capable of summing the results from the first and second subtraction operations; and

a memory capable of storing the result of the first subtraction operation, and further capable of replacing the result of the first subtraction operation with the summed results from the first and second subtraction operations.

32. (Previously Presented) The apparatus of claim 31, further comprising a divider circuit capable of dividing a value of the summation of the results from the first and second subtraction operations by the number of times that the calibration chart is scanned to produce an average value.

33. (Previously Presented) The apparatus of claim 31, wherein the calibration operation circuit is further capable of range-checking the results of the first and second subtraction operations.